digital™ MATERIAL SAFETY DATA SHEET

SECTION 1 - PREPARATION/PRODUCT INFORMATION

Manufacturer's Name: Digital Equipment Corporation, Maynard, MA USA

Non-Emergency Phone Number: (508) 496-9242

Emergency Phone Numbers: 800-228-5635 ext.123
[+1] 612-221-3999 ext.123

Preparation Date: September 15, 1992

Supersedes: July 9, 1990

Product Name: PrintServer Toner (Cartridge)

Part Number(s): LPS2X-AA, LPS3X-AA, 29-27421-01

Use: Image Transfer Device for LPS20, LPS32 Printers

SECTION 2 - INGREDIENTS

HAZARDOUS INGREDIENTS	CAS	%	ACGIH TLV	OSHA PEL	CARCINOGEN LIST IARC	CARCINOGEN LIST NTP	CARCINOGEN LIST OSHA	SARA 313
None								

Toner Cartridge is classified as an article. Toner contains carbon black, styrene acrylic resin and polypropylene, organic salt, and polyester resin. See Section 8 for safe handling/preventive measures.

All ingredients contained in this product are on the U.S. TSCA inventory.

SECTION 3 - PHYSICAL AND CHEMICAL DATA

Boiling Point - Not applicable
Vapor Pressure - Not applicable
Vapor Density - Not applicable
Appearance - Black powder
Freezing Point - Not applicable
Melting/Softening Point - 80°C (176°F)
Solubility in Water - < 0.1%
Percent Volatile - None
Evaporation Rate - Not applicable
Odor and Odor Threshold- None
pH - Not applicable
Specific Gravity - 1.2 (water = 1)

SECTION 4 - FIRE AND EXPLOSION HAZARD

Flash Point - None
Auto-Ignition Temperature - Not applicable
Unusual Fire or Explosion Hazards - None
Hazardous Combustion Products - Carbon monoxide, carbon dioxide
Special Fire Fighting Procedure - None
Flammable Limits - None
Extinguishing Media - Water, foam, dry chemical, carbon dioxide

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SECTION 5 - REACTIVITY DATA

Stability - Stable
Incompatibility - None
Hazardous Decomposition Products - Not available
Conditions to Avoid - Temperature above 80°C (176°F)
Hazardous Polymerization -None

SECTION 6 - HEALTH HAZARD DATA/TOXICOLOGICAL PROPERTIES

Hazard to Humans- Primary route of entry is by inhalation. Prolonged high levels of inhalation exposure can lead to accumulation of particles in the pulmonary tract. No evidence of cancer has been seen in several studies of carbon black exposure in human populations. Potential exposure under normal use conditions should present no hazard.

Animal Experiment- (based on testing of toner)

Acute- Oral LD50- >5 g/kg (practically non-toxic);
Dermal LD50- > 2 g/kg;
Inhalation LC50- N.D. Non-irritating to skin and eyes.

Chronic/Other- Information on sensitization, mutagenicity, and teratogenicity is not available. IARC concluded that the evidence on carcinogenic potential of carbon black is inadequate.

Additional Information- Major component of toner is a polymer which is thought to be non-toxic. A similar toner was found not to be carcinogenic in rats following inhalation exposure.

SECTION 7 - EMERGENCY/FIRST AID PROCEDURE

(Applies to toner)

If Inhaled - Remove to fresh air. Support breathing if necessary and contact a physician.
If on Skin - Promptly wash skin with soap and water.
If in Eyes - Flush eyes with large quantities of water for at least 15 minutes.
If Swallowed- Seek immediate medical attention.

SECTION 8 - SAFE HANDLING/PREVENTIVE MEASURES

Personal Protective Equipment - None for normal use. Provide adequate ventilation.
Engineer Control - Not needed.
Waste Disposal - No special requirements.
Procedures for Leaks or Spills- Remove loose toner with a High Efficiency Particulate Filter (HEPA) vacuum cleaner.
Work Practices - None
Storage Requirement- Keep containers closed, store in cool, dry area.
Handling Procedure/Equipment- Avoid handling in windy areas. Airborne powder may enter eyes or respiratory tract. Cleanse skin thoroughly after contact.
Labelling- None
WHMIS Classification - Not applicable

SECTION 9 - TRANSPORTATION REQUIREMENTS

None